

DEGASSING DEVICE**Publication number:** JP8325648 (A)**Publication date:** 1996-12-10**Inventor(s):** NAGASE SHINICHI**Applicant(s):** SUZUKI HIROSHIGE**Classification:**

- international: **B22D1/00; C21C7/00; C21C7/072; C22B9/05; C22B21/06; B22D1/00; C21C7/00; C21C7/072; C22B9/00; C22B21/00;** (IPC1-7): C22B9/05; B22D1/00; C21C7/00; C21C7/072; C22B21/06

- European:

Application number: JP19950133065 19950531**Priority number(s):** JP19950133065 19950531**Abstract of JP 8325648 (A)**

PURPOSE: To remove gaseous hydrogen so as not to produce oxide in molten metal. **CONSTITUTION:** A hollow body part 33 arranged at one end of a tubular shaft 32 and a molten metal guide part 34 arranged at the lower part of this hollow body part 33 are dipped into molten metal. Inert gas is supplied from the other end side of the shaft 32, and at the time of rotation-driving the shaft 32, the inert gas is discharged as fine bubbles from plural hole parts 41 in the hollow body part 33. These bubbles are floated while catching the hydrogen in the molten metal and got away from the molten metal to remove the hydrogen in the molten metal. Since the molten metal guide part 34 is rotated, the molten metal in a passage 34A is guided in the outside direction by centrifugal force. Therefore, the molten metal at the lower part from the hollow body part 33 is transported to near the hole parts 41 in the hollow body part 33 and hereat, the inert gas is flowed and the hydrogen is caught.

